



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MA \$ #3

Applicant: Andrew Carter et al.

Title: NON-LINEAR DECISION FEEDBACK PHASE LOCKED LOOP FILTER

Docket No.: 1232.010US1

Filed: March 4, 2002

Examiner: Unknown

Serial No.: 10/090,435

Due Date: May 27, 2002

Group Art Unit: 2817

COPY OF PAPERS  
ORIGINALLY FILED

Attn: Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the attached:

- ☒ A return postcard.
- ☒ A check in the amount of \$65.00 to cover the small entity surcharge.
- ☒ A check in the amount of \$508.00 to cover the Basic Filing Fee and Additional Claims Fee.
- ☒ A check in the amount of \$55.00 to cover the Extension of Time Fee.
- ☒ Petition for Extension of Time (1 pg.)
- ☒ Communication Re: Missing Parts (1 pg.)
- ☒ Communication Re: Corrected Application Papers (1 pg.)
- ☒ A signed Combined Declaration and Power of Attorney ( 3 pgs.).
- ☒ Notice to File Missing Parts (2 pgs.)
- ☒ Formal Drawings (9 pgs.).

**Applicant claims small entity status under 37 C.F.R. 1.27.**

If not provided for in a separate paper filed herewith, please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

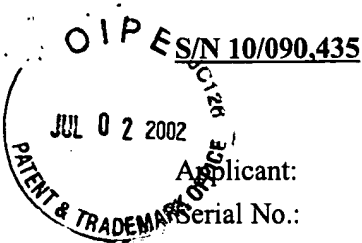
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Thomas F. Brennan  
Name: Thomas F. Brennan  
Reg. No. 35,075  
TFB:CMG:wkr

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Attn: Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231, on this 26<sup>th</sup> day of June, 2002.

William Kent Rue  
Name

William Kent Rue  
Signature



PATENT

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S/N 10/090,435

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Title: NON-LINEAR DECISION FEEDBACK PHASE LOCKED LOOP FILTER

**COMMUNICATION RE: CORRECTED APPLICATION PAPERS**

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Washington, D.C. 20231

In response to the "Notice to File Missing Parts" which indicated "Corrected Papers" additionally required, enclosed are the 9 pages of Substitute Drawings in compliance with 37 CFR 1.84.

Applicants assume the application is now in proper order and in condition for examination. Please direct any inquiries to the undersigned attorney at (612) 373-6909.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

ANDREW CARTER ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6909

Date

June 26, 2002

By

Thomas F. Brennan

Thomas F. Brennan

Reg. No. 35,075

TFB:CMG:wkr

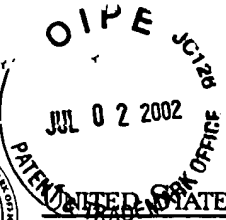
**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Attn: Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231, on this 26<sup>th</sup> day of June, 2002.

Name

William Kent Rie

Signature

William Kent Rie



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/090,435	03/04/2002	Andrew Carter	1232.010US1

CONFIRMATION NO. 6308

21186

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. BOX 2938  
MINNEAPOLIS, MN 55402

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## FORMALITIES LETTER



\*OC00000007726615\*

Date Mailed: 03/27/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/08/2002 MBERHE 00000014 10090435

FILED UNDER 37 CFR 1.53(b)

01 FC:201	370.00 OP
02 FC:203	54.00 OP
03 FC:202	84.00 OP
04 FC:205	65.00 OP

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 370 to complete the basic filing fee for a small entity.*
- Total additional claim fee(s) for this application is \$138.
  - \$54 for 6 total claims over 20.
  - \$84 for 2 independent claims over 3.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 573.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

Haimanot Tegbaru

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE